

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query                                  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| S1    | 27   | "ein-eli".in.                                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/11/13<br>10:12 |
| S2    | 13   | starosvetsky.in.                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/11/13<br>10:12 |
| S3    | 40   | abelev.in.                                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/11/13<br>10:13 |
| S4    | 366  | rabkin.in.                                    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/11/13<br>10:13 |
| S5    | 433  | S1 S2 S3 S4                                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/11/13<br>10:13 |
| S6    | 2    | S5 and (copper near5<br>cmp near5 slurry).ti. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/11/13<br>10:13 |
| S7    | 3    | ("6447371").PN.                               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/11/13<br>11:06 |
| S8    | 0    | S7 and cation and anion                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/11/13<br>11:06 |
| S9    | 2    | S7 and "pH"                                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/11/13<br>11:06 |
| S10   | 30   | "6447371"                                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2008/12/01<br>13:23 |
| S11   | 3    | ("6447371").PN.                               | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2008/12/01<br>13:23 |

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| S12 | 647  | 106/403.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>15:53 |
| S13 | 0    | 156/659.1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>15:53 |
| S14 | 0    | 106/290.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>15:53 |
| S15 | 0    | 106/308.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>15:54 |
| S16 | 537  | 106/404.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>15:54 |
| S17 | 442  | 106/31.9.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>15:54 |
| S18 | 647  | 106/403.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>15:54 |
| S19 | 1168 | 523/200.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>15:54 |
| S20 | 2539 | S12 S13 S14 S15 S16 S17<br>S18 S19                            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>15:54 |
| S21 | 41   | S20 and milling near2<br>(fluid or composition or<br>mixture) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>15:54 |
| S22 | 3    | S21 and corrosion near<br>inhibitor                           | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2008/12/01<br>16:33 |
| S23 | 2    | ("20020047058").PN.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2008/12/01<br>16:34 |

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| S24 | 2     | S23 and pigment  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/01<br>16:34 |
| S25 | 0     | S23 and corrosion  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/01<br>16:39 |
| S26 | 43330 | corrosion adj inhibitor  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/01<br>16:40 |
| S27 | 22004 | corrosion adj inhibitor<br>with (component or<br>compound or material or<br>composition)                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/01<br>16:40 |
| S28 | 1579  | corrosion adj inhibitor<br>with (component or<br>compound or material or<br>composition) and "106".<br>clas. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2008/12/01<br>16:40 |
| S29 | 7195  | calomel near3 electrode  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>10:42 |
| S30 | 473   | calomel near3 electrode<br>with oxidation near<br>potential  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>10:43 |
| S31 | 41    | calomel near3 electrode<br>with oxidation near<br>potential and oxidiz\$4<br>with (surface or<br>substrate)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>10:43 |
| S32 | 7     | calomel near3 electrode<br>with oxidation near<br>potential same copper<br>same (substrate or<br>surface)    | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:16 |
| S33 | 320   | 148/269.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:20 |
| S34 | 1340  | 451/36.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:20 |
| S35 | 4763  | 451/41.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:20 |

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| S36 | 3223  | 438/692.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:20 |
| S37 | 1098  | 106/3.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:21 |
| S38 | 34457 | S33 S34 S35 S36 S37<br>"L12" "L13" "L14" "L15"<br>"L16" "L17" "L18" "L19" | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:21 |
| S39 | 34457 | S33 S34 S35 S36 S37<br>"L12" "L13" "L14" "L15"<br>"L16" "L17" "L18" "L19" | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:21 |
| S40 | 653   | 106/403.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:22 |
| S41 | 0     | 156/659.1.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:22 |
| S42 | 0     | 106/290.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:22 |
| S43 | 0     | 106/308.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:22 |
| S44 | 542   | 106/404.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:22 |
| S45 | 452   | 106/31.9.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:22 |
| S46 | 653   | 106/403.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:22 |
| S47 | 1182  | 523/200.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>11:22 |

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| S48 | 12571 | S33 S34 S35 S36 S37 S40<br>S41 S42 S43 S44 S45 S46<br>S47   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>11:22 |
| S49 | 198   | S48 and ("KMnO.sub.4"<br>or "KMnO4" or<br>(potassium near<br>permanganate))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>11:23 |
| S50 | 157   | S48 and ("KMnO.sub.4"<br>or "KMnO4" or<br>(potassium near<br>permanganate)) same<br>(oxidizing or oxidizer)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>11:24 |
| S51 | 8     | S48 and ("KMnO.sub.4"<br>or "KMnO4" or<br>(potassium near<br>permanganate)) same<br>(oxidizing or oxidizer)<br>with (known or<br>conventional or general<br>or widely or usually) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>11:24 |
| S52 | 6     | ((("5800577") or<br>("5840629") or<br>("6313039"))).PN.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2009/03/16<br>11:40 |
| S53 | 2     | S52 and (carbonate or<br>"CsCO3" or "CsCO.<br>sub.3")   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>11:41 |
| S54 | 300   | "pH" near4 (adjusting or<br>adjusted or adjuster)<br>same cesium same<br>carbonate  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>12:01 |
| S55 | 2     | "pH" near4 (adjusting or<br>adjusted or adjuster)<br>same cesium same<br>carbonate and polishing.<br>ab.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>12:01 |
| S56 | 229   | "pH" near4 (adjusting or<br>adjusted or adjuster)<br>same cesium adj<br>carbonate   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>12:02 |
| S57 | 0     | "pH" near4 (adjusting or<br>adjusted or adjuster)<br>same cesium adj<br>carbonate and (polishing<br>or planarizing or<br>planarization or abrading<br>or CMP).ab.                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>12:02 |

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| S58 | 7     | "pH" near4 (adjusting or adjusted or adjuster) same cesium adj carbonate same (known or conventional or usually or generally or widely)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>12:02 |
| S59 | 68    | ("20020066234"  <br>"20040144755"  <br>"20040226918"  <br>"20050252092"  <br>"4632727"   "4671851"  <br>"4789648"   "4910155"  <br>"4944836"   "4954142"  <br>"4956313"   "5137544"  <br>"5157876"   "5209816"  <br>"5225034"   "5245790"  <br>"5340370"   "5354490"  <br>"5476606"   "5527423"  <br>"5575837"   "5676587"  <br>"5770095"   "5800577"  <br>"5840629"   "6126514"  <br>"6126853"   "6313039"  <br>"6383240"   "6432828"  <br>"6447371"   "6569350"  <br>"6676484"   "6831015").<br>PN. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>12:06 |
| S60 | 0     | S59 and (cesium adj carbonate) with "pH" near4 (adjuster or adjusting or adjusted)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>12:07 |
| S61 | 0     | S59 and (cesium adj carbonate) same "pH" near4 (adjuster or adjusting or adjusted)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>12:07 |
| S62 | 0     | S59 and (cesium adj carbonate)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>12:07 |
| S63 | 0     | S59 and ("CsCO.sub.3" or "CsCO3")   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>12:08 |
| S64 | 3     | S59 and "pH" with adjust \$4 with alkali  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>12:08 |
| S65 | 15586 | ("CsCO.sub.3" or "CsCO3" or (cesium adj carbonate))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>12:10 |

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| S66 | 42    | ("CsCO.sub.3" or "CsCO <sub>3</sub> " or (cesium adj carbonate)) with "pH" near4 adjust\$4   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>12:10 |
| S67 | 17124 | "pH" near4 adjust\$4 with alkali   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>12:12 |
| S68 | 351   | "pH" near4 adjust\$4 with alkali and (polishing or CMP or planarizing or planarization or abrading or abrasive).ab.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>12:13 |
| S69 | 0     | "pH" near4 adjust\$4 with alkali and (polishing or CMP or planarizing or planarization or abrading or abrasive).ab. and ((cesium adj carbonate) or "CsCO.sub.3" or "CsCO <sub>3</sub> ")   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>12:13 |
| S70 | 0     | "pH" near4 adjust\$4 with alkali and (polishing or CMP or planarizing or planarization or abrading or abrasive).ab. and ((cesium near carbonate) or "CsCO.sub.3" or "CsCO <sub>3</sub> ")  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>12:13 |
| S71 | 0     | "pH" near4 adjust\$4 with alkali and (polishing or CMP or planarizing or planarization or abrading or abrasive).ab. and ((cesium near 5carbonate) or "CsCO.sub.3" or "CsCO <sub>3</sub> ") | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>12:13 |
| S72 | 3     | "pH" near4 adjust\$4 with alkali and (polishing or CMP or planarizing or planarization or abrading or abrasive).ab. and ((cesium near5 carbonate) or "CsCO.sub.3" or "CsCO <sub>3</sub> ") | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>12:13 |
| S73 | 2     | ("6589099").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2009/03/16<br>13:59 |
| S74 | 4     | ((("6589099") or ("5897375")).PN.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2009/03/16<br>15:13 |

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| S75 | 0   | S74 and ((potassium adj carbonate) or (cesium adj carbonate) or "CsCO.sub.3" or "CsCO3")   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>15:14 |
| S76 | 0   | S74 and carbonate  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>15:14 |
| S77 | 139 | potassium adj carbonate with known with "pH"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>15:19 |
| S78 | 0   | known near3 base with potassium adj carbonate with "pH" and polishing  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>15:22 |
| S79 | 0   | known near3 base with potassium adj carbonate with "pH" and (planarizing or CMP or polishing or planarization or abrading or lapping)                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>15:22 |
| S80 | 0   | known near3 base with ("K2CO3" or "K.sub.2 CO.sub.3" or "K.sub.2CO.sub.3") with "pH" and (planarizing or CMP or polishing or planarization or abrading or lapping) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>15:23 |
| S81 | 0   | known near3 base with ("K2CO3" or "K.sub.2 CO.sub.3" or "K.sub.2CO.sub.3") with "pH"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>15:23 |
| S82 | 52  | ("K2CO3" or "K.sub.2 CO.sub.3" or "K.sub.2CO.sub.3") with "pH" and (planarizing or CMP or polishing or planarization or abrading or lapping)                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>15:24 |
| S83 | 22  | ("K2CO3" or "K.sub.2 CO.sub.3" or "K.sub.2CO.sub.3") with "pH" and (planarizing or CMP or polishing or planarization or abrading or lapping) and copper            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>15:24 |



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| S84 | 11   | ("K2CO3" or "K.sub.2 CO.sub.3" or "K.sub.2CO.sub.3") with "pH" and (planarizing or CMP or polishing or planarization or abrading or lapping) same copper | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>15:25 |
| S85 | 191  | ((cesium near carbonate) or "CsCO3" or "CsCO.sub.3") with "pH"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>15:39 |
| S86 | 46   | ((cesium near carbonate) or "CsCO3" or "CsCO.sub.3") with "pH" near5 adjust\$4   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>15:39 |
| S87 | 3    | ("6447371").PN.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2009/03/16<br>15:49 |
| S88 | 1    | S87 and ammonium   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>15:51 |
| S89 | 3448 | 51/294-297.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>16:07 |
| S90 | 0    | S89 and cesium near carbonate  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>16:07 |
| S91 | 16   | S89 and potassium near carbonate   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>16:07 |
| S92 | 28   | ein-eli.in.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>16:09 |
| S93 | 14   | starosvet'sky.in.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>16:09 |
| S94 | 0    | "abelev.in"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>16:09 |
| S95 | 40   | abelev.in.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2009/03/16<br>16:09 |

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| S96  | 368  | rabkin.in.                                 | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>16:09 |
| S97  | 436  | S92 S93 S95 S96                            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>16:09 |
| S98  | 1    | S97 and (oxidation near<br>potential).clm. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>16:09 |
| S99  | 3    | S97 and passiv\$6.clm.                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/03/16<br>16:10 |
| S100 | 660  | 106/403.ccls.                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/10/27<br>09:54 |
| S101 | 0    | 156/659.1.ccls.                            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/10/27<br>09:54 |
| S102 | 0    | 106/290.ccls.                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/10/27<br>09:54 |
| S103 | 0    | 106/308.ccls.                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/10/27<br>09:54 |
| S104 | 546  | 106/404.ccls.                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/10/27<br>09:54 |
| S105 | 464  | 106/31.9.ccls.                             | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/10/27<br>09:54 |
| S106 | 660  | 106/403.ccls.                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/10/27<br>09:54 |
| S107 | 1203 | 523/200.ccls.                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/10/27<br>09:54 |

|      |      |   |  |    |    |                     |
|------|------|---|--|----|----|---------------------|
| S108 | 2604 | S100 S101 S102 S103<br>S104 S105 S106 S107  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/10/27<br>09:54 |
| S109 | 0    | S108 and (polishing or<br>planarizing or<br>planarization or lapping<br>or abrading or CMP or<br>passivat\$5).ab. and<br>(copper near10<br>(substrate or surface))<br>and (abrasive same (silica<br>or "SiO2" or "SiO.sub.2"))<br>and (oxidizer or oxidizing)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/10/27<br>09:55 |
| S110 | 1119 | (polishing or planarizing<br>or planarization or<br>lapping or abrading or<br>CMP or passivat\$5).ab.<br>and (copper near10<br>(substrate or surface))<br>and (abrasive same (silica<br>or "SiO2" or "SiO.sub.2"))<br>and (oxidizer or oxidizing)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/10/27<br>09:55 |
| S111 | 916  | (polishing or planarizing<br>or planarization or<br>lapping or abrading or<br>CMP or passivat\$5).ab.<br>and (copper near10<br>(substrate or surface))<br>and (abrasive same (silica<br>or "SiO2" or "SiO.sub.2"))<br>and (oxidizer or oxidizing)<br>and (acerate or adipate<br>or bicarbonate or<br>bisulfate or carbonate or<br>chloroacetate or citrate or<br>crotonate or cyanate or<br>glytarate or dihydrogen<br>near phosphate or<br>hydrogen near phosphate<br>or hydrogen near sulfate<br>or hydroxide or lactae or<br>malate or mandelate or<br>malonate or oxalate or<br>permanganate or<br>phosphate or hydrogen<br>near phthalate or<br>phthalate or propanoate<br>or succinate or sulfanilate<br>or sulfate or tartarate) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2009/10/27<br>09:57 |

|      |    |  |   |    |     |                  |
|------|----|--|---|----|-----|------------------|
| S112 | 73 | (polishing or planarizing or planarization or lapping or abrading or CMP or passivat\$5).ab. and (copper near10 (substrate or surface)) and (abrasive same (silica or "SiO2" or "SiO.sub.2")) and (oxidizer or oxidizing) and (acerate or adipate or bicarbonate or bisulfate or carbonate or chloroacetate or citrate or crotonate or cyanate or glytarate or dihydrogen near phosphate or hydrogen near phosphate or hydrogen near sulfate or hydroxide or lactae or malate or mandelate or malonate or oxalate or permanganate or phosphate or hydrogen near phthalate or phthalate or propanoate or succinate or sulfanilate or sulfate or tartarate) not (complexing near agent or film near forming or "film-forming" or ammonium) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2009/10/27 09:58 |
| S113 | 2  | ("20030212283").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/10/27 15:00 |

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